

ABSTRACT OF THE DISCLOSURE

A vehicle data bus system includes locating means which comprise a locating computing unit and a locating sensor system which contains at least one GPS receiver with associated GPS antenna and gyro data acquisition means, and a data bus via which connects a plurality of bus users in data communication with one another. The locating means contain a locating module which is embodied as one of the bus users and is configured to receive at least wheel speed data and forward/backward direction of travel data via the data bus, to acquire at least vehicle position data, direction of travel angle data, travel speed data and altitude position data as well as to output this acquired data onto the data bus. For this purpose, the locating module contains the location computing unit, the GPS receiver and a gyroscope or means for the bus-end reception and evaluation of gyro data of a travel dynamics/traction control system.